

FIG. 1

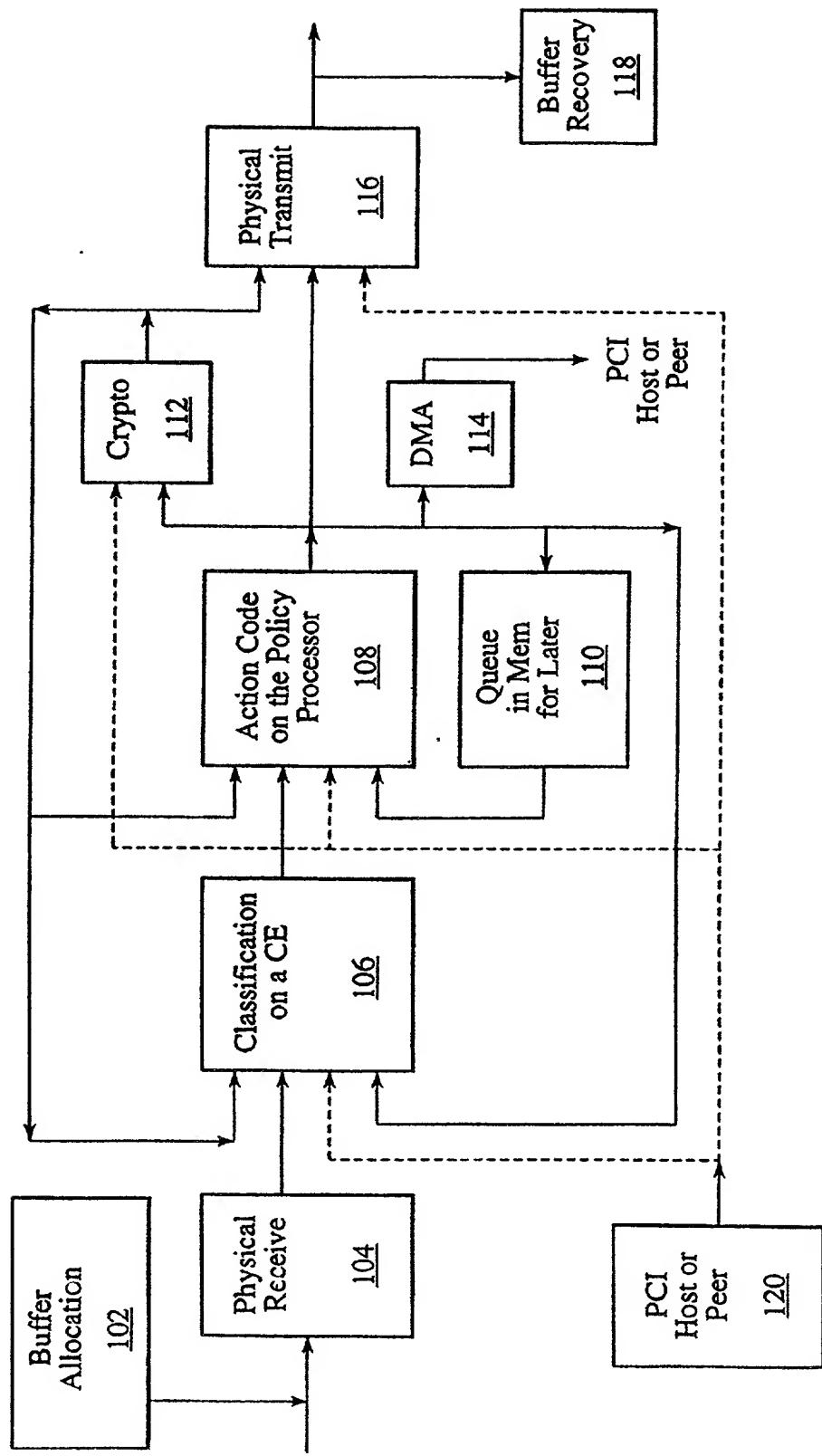


FIG. 2

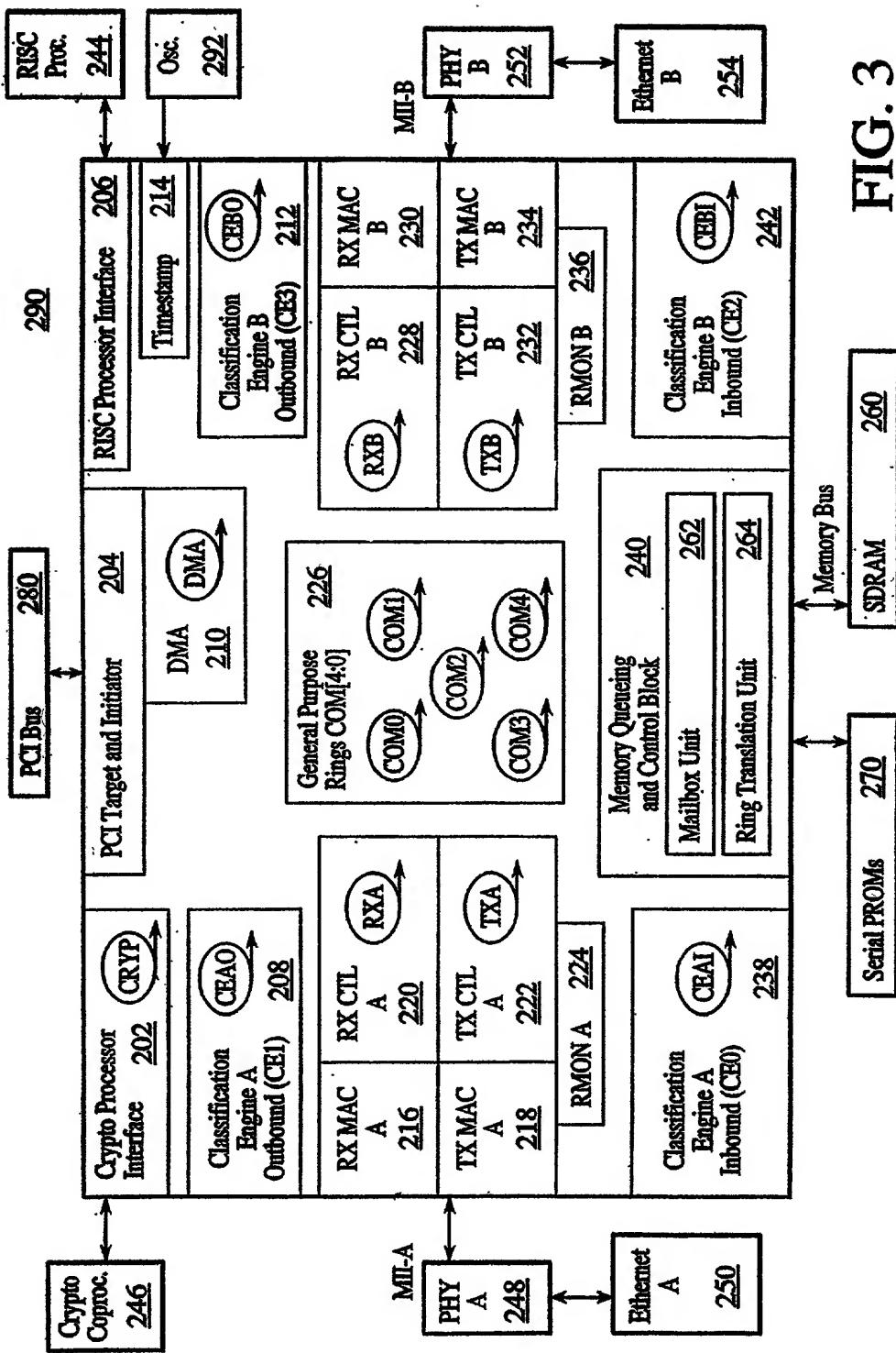


FIG. 3

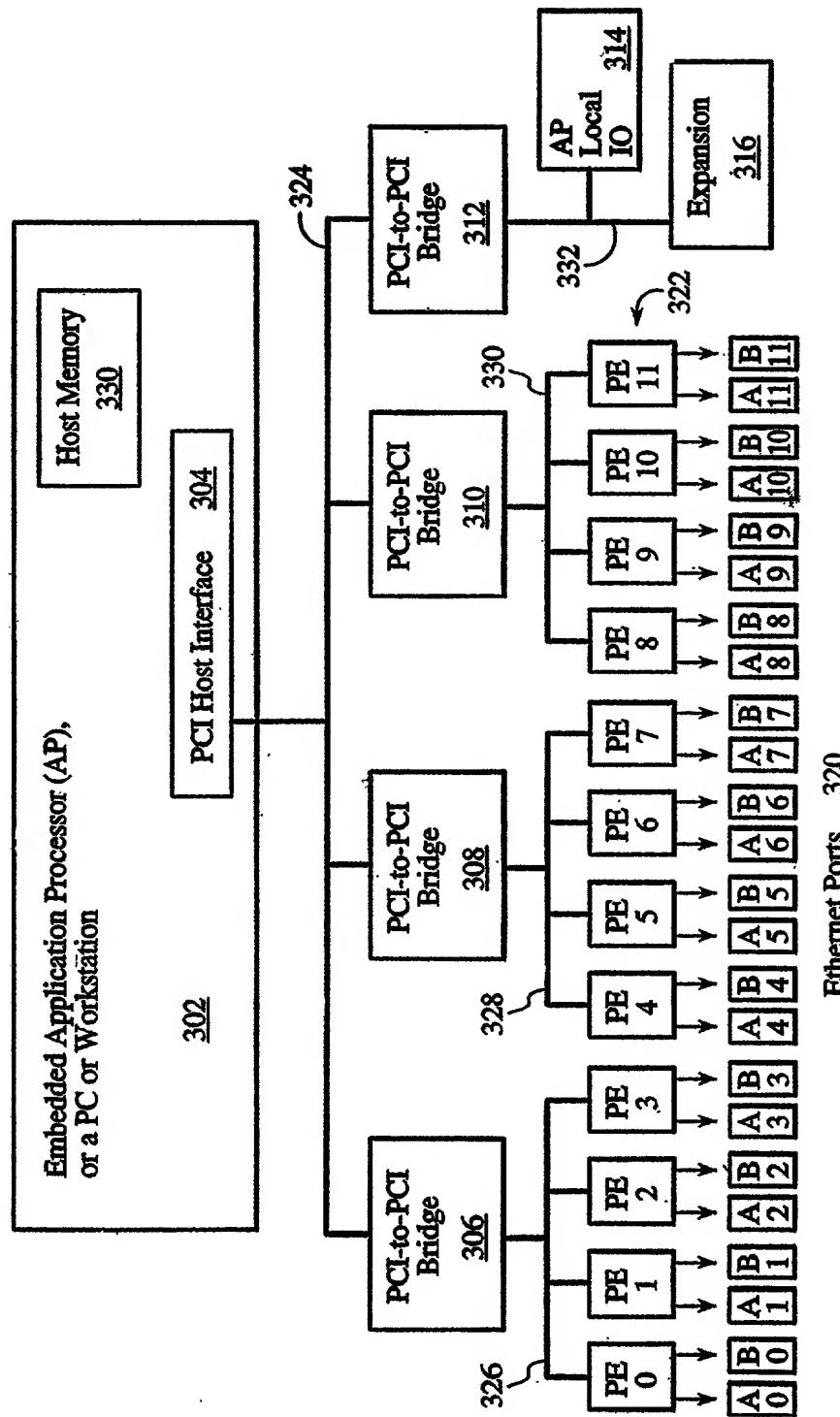


FIG. 4

Ring Base Register <u>400</u>		THRESHOLD REPORTED	
+ 0x0000	RX_A Ring <u>402</u>	<256 valid between MPROD & MFILL	
+ 0x1000	RX_B Ring <u>404</u>	<256 valid between MPROD & MFILL	
+ 0x2000	TX_A Ring <u>406</u>	<256 empty between MTPROD & MTRECOV	
+ 0x3000	TX_B Ring <u>408</u>	<256 empty between MTPROD & MTRECOV	
+ 0x4000	Reclassify_A_Inbound Ring <u>410</u>	<256 empty between RPROD & RPCONS	
+ 0x5000	Reclassify_A_Outbound Ring <u>412</u>	<256 empty between RPROD & RPCONS	
+ 0x6000	Reclassify_B_Inbound Ring <u>414</u>	<256 empty between RPROD & RPCONS	
+ 0x7000	Reclassify_B_Outbound Ring <u>416</u>	<256 empty between RPROD & RPCONS	
+ 0x8000	DMA Ring <u>418</u>	<256 empty between DMA_PROD & DMA_RECV	
+ 0x9000	Crypto Ring <u>420</u>	<256 empty between CRYP_PROD & CRYP_RECV	
+ 0xA000	COM0 Ring <u>422</u>		
+ 0xB000	COM1 Ring <u>424</u>		
+ 0xC000	COM2 Ring <u>426</u>		
+ 0xD000	COM3 Ring <u>428</u>		
+ 0xE000	COM4 Ring <u>430</u>		

The 5 General Purpose Rings have Prog.
<256-empty/>256-full Threshold as set in
the RBASE Register.

FIG. 5

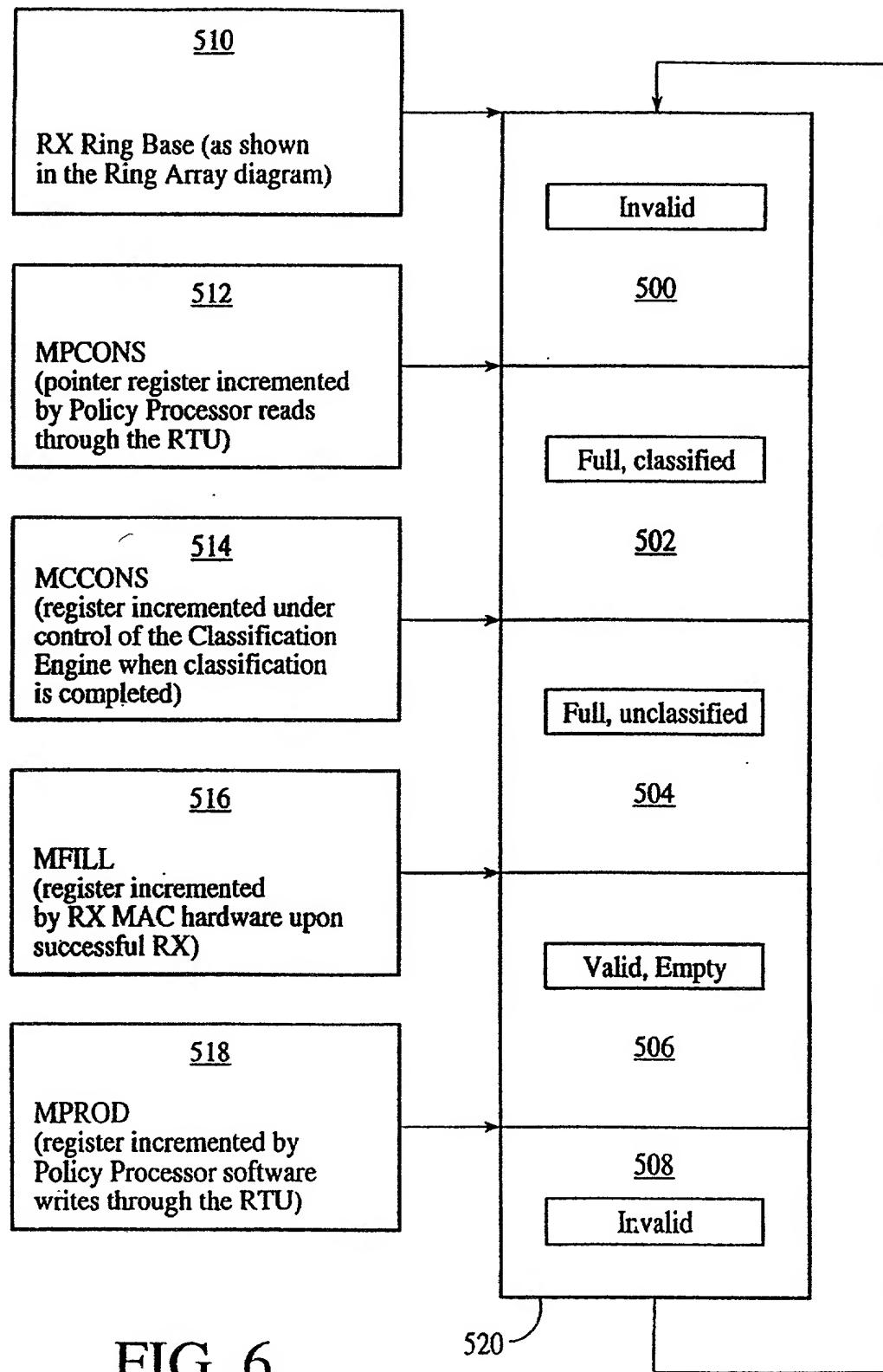


FIG. 6

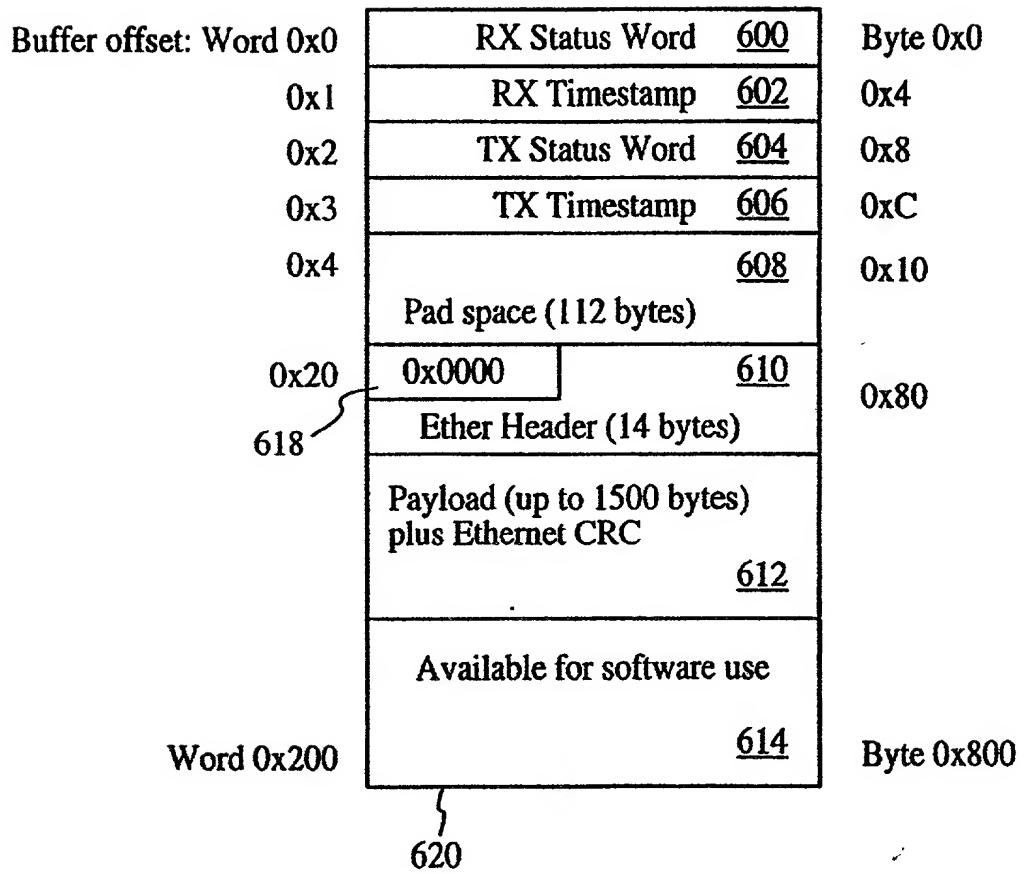


FIG. 7

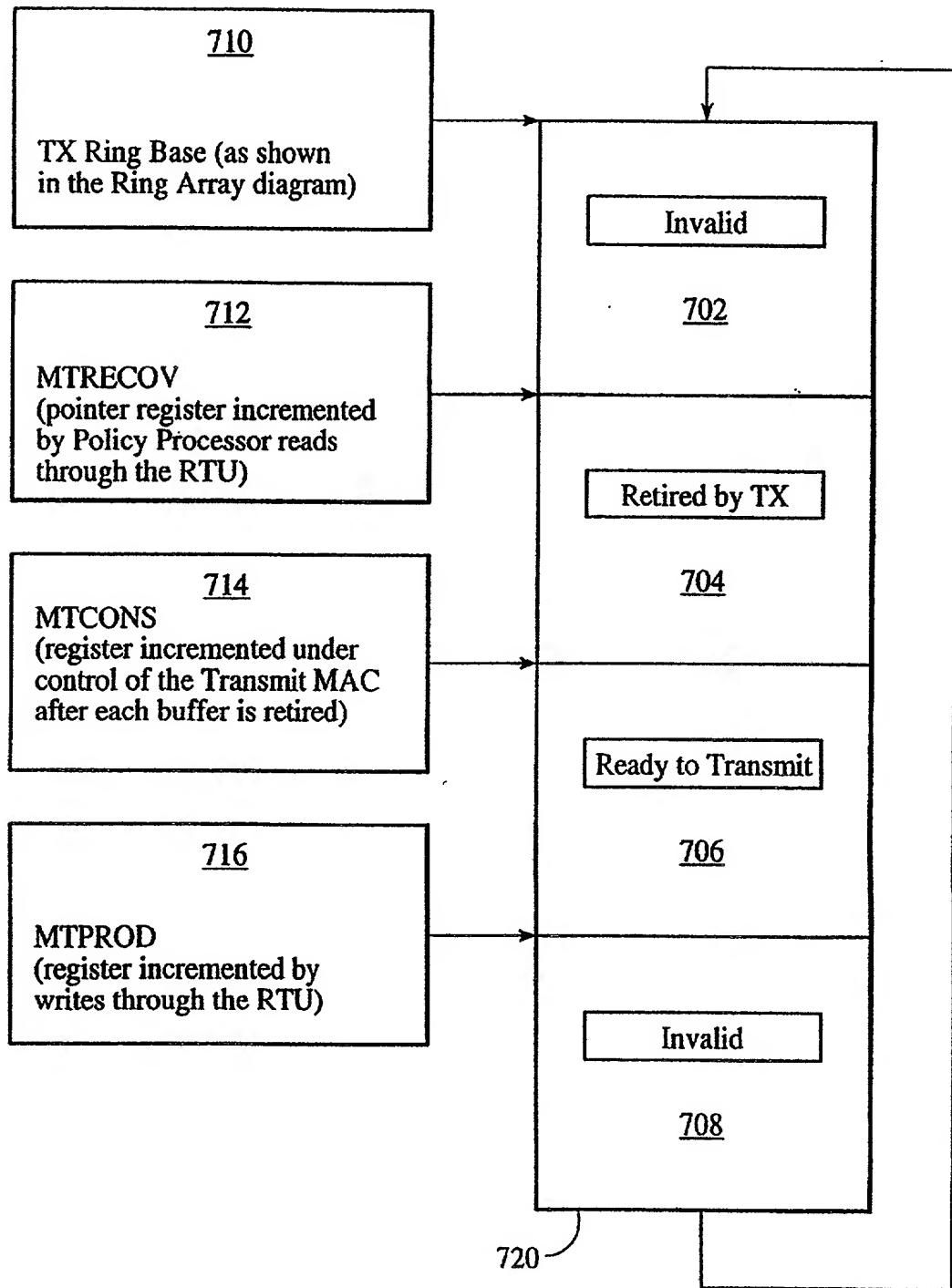


FIG. 8

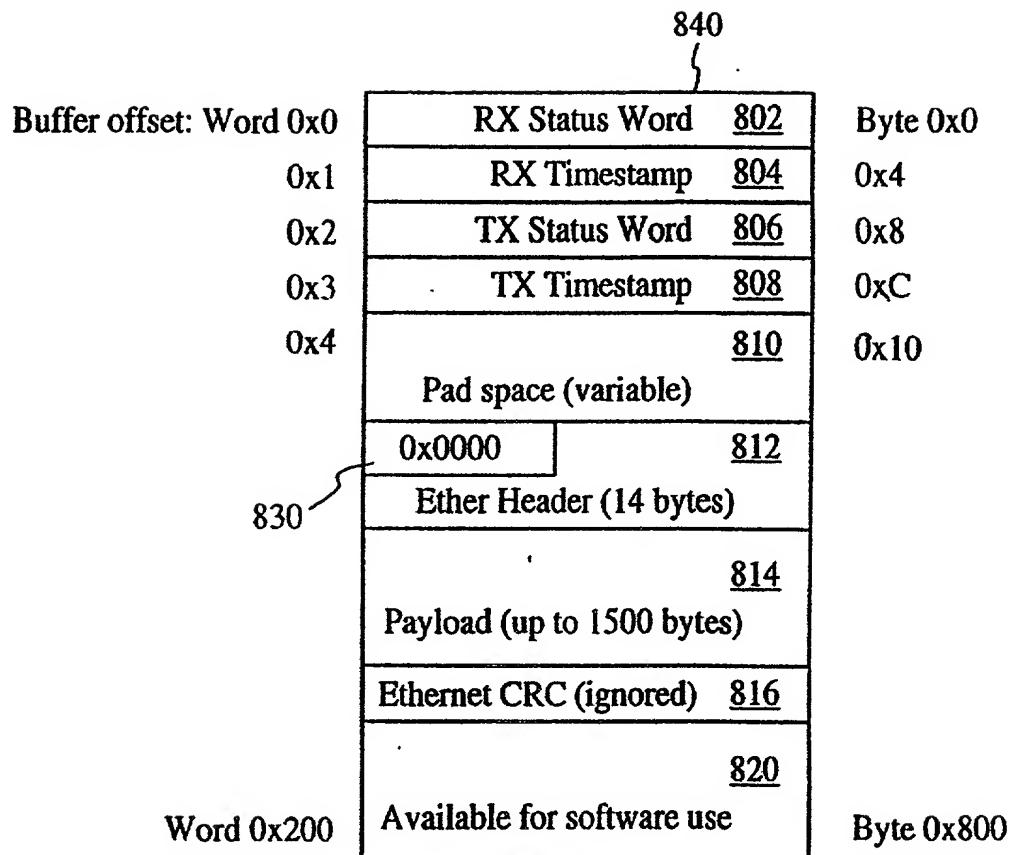


FIG. 9

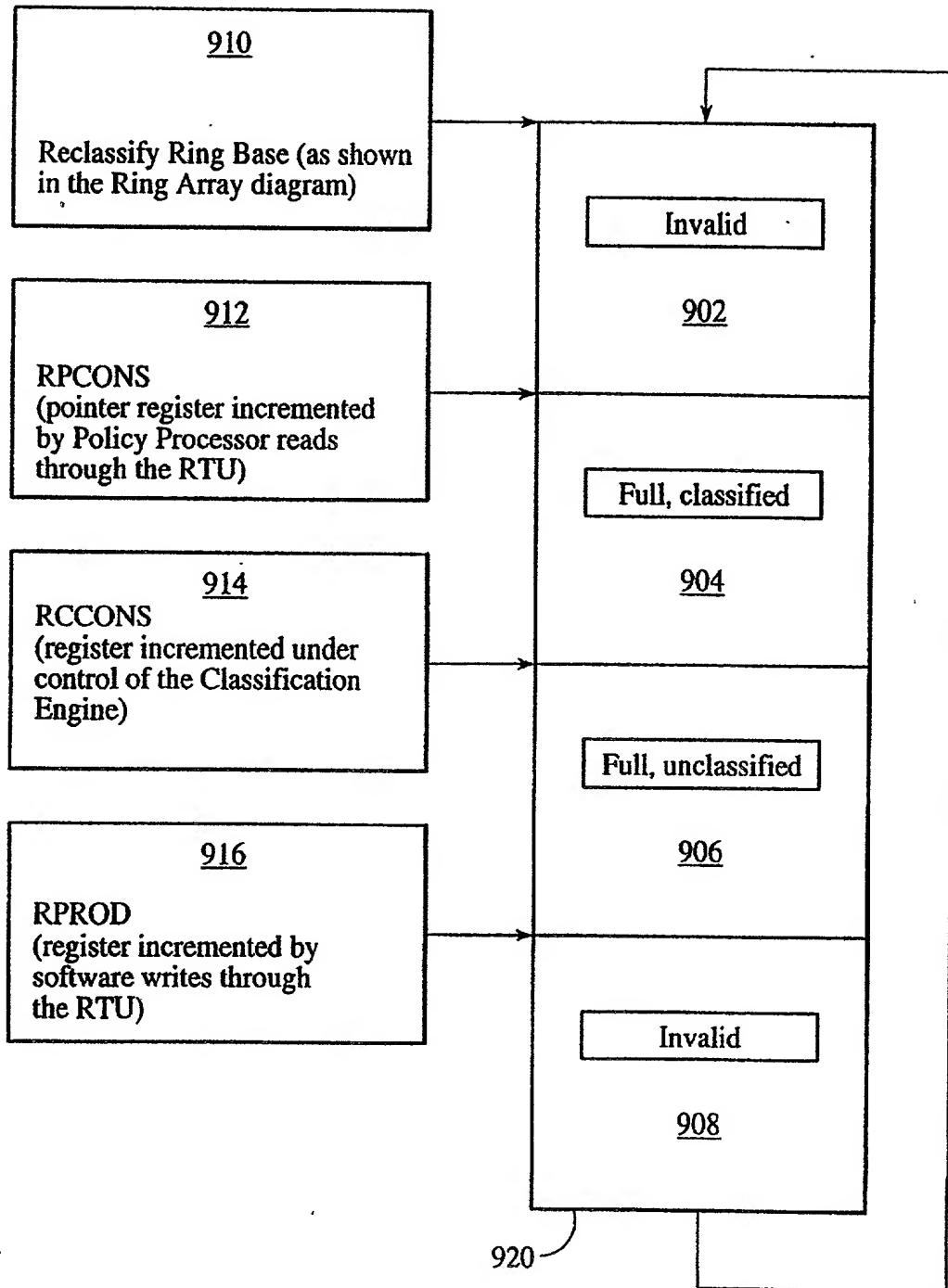


FIG. 10

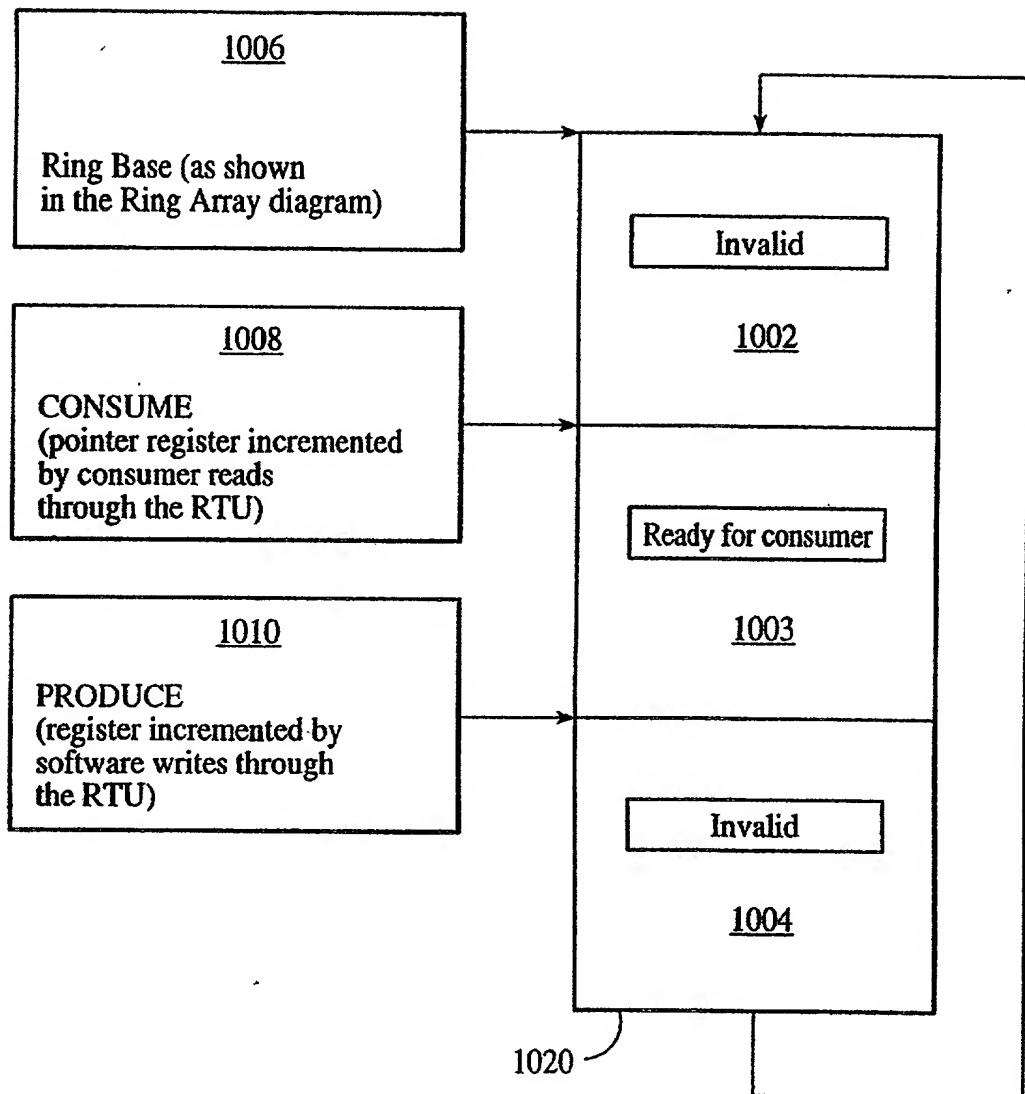


FIG. 11

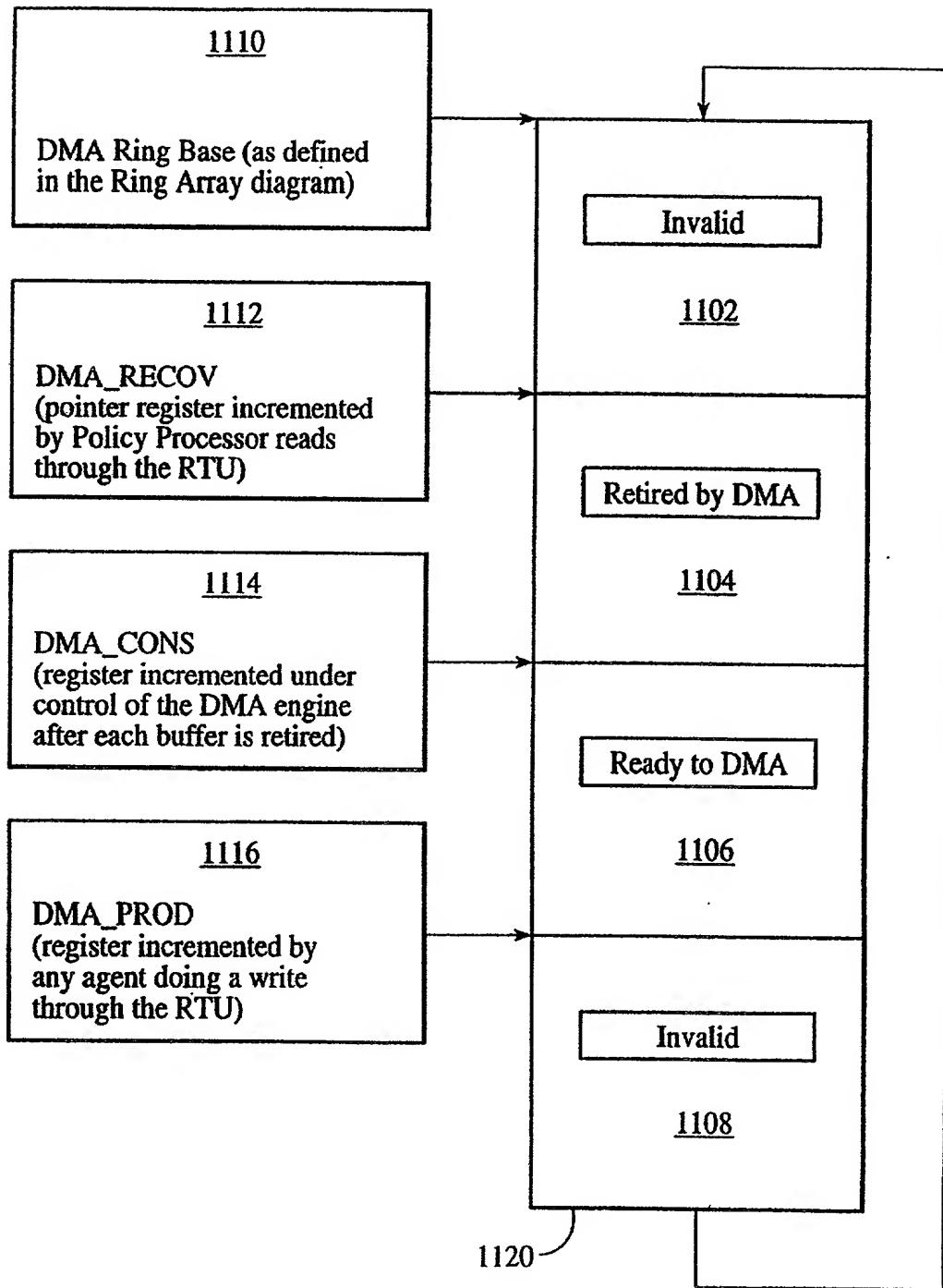
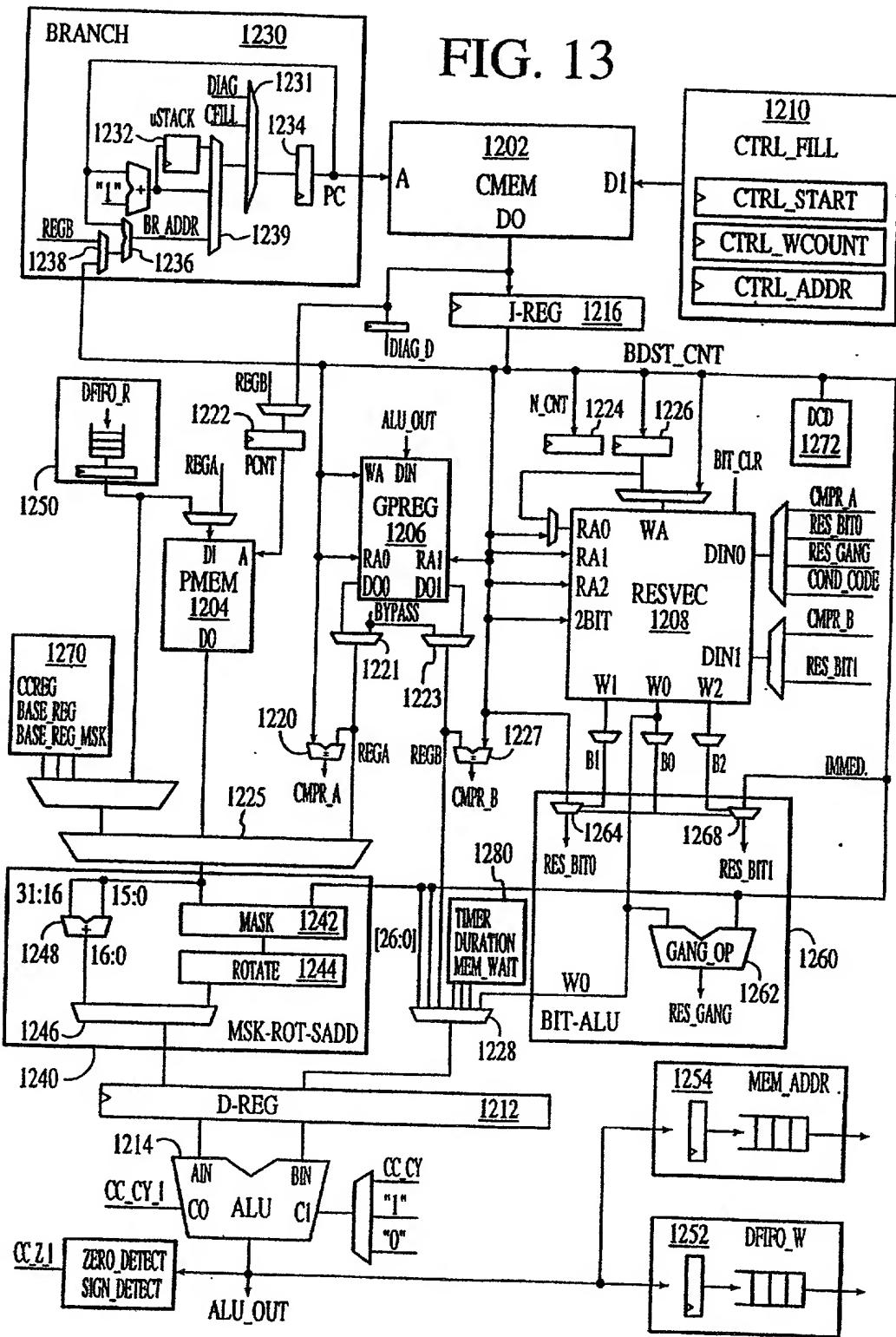


FIG. 12

FIG. 13



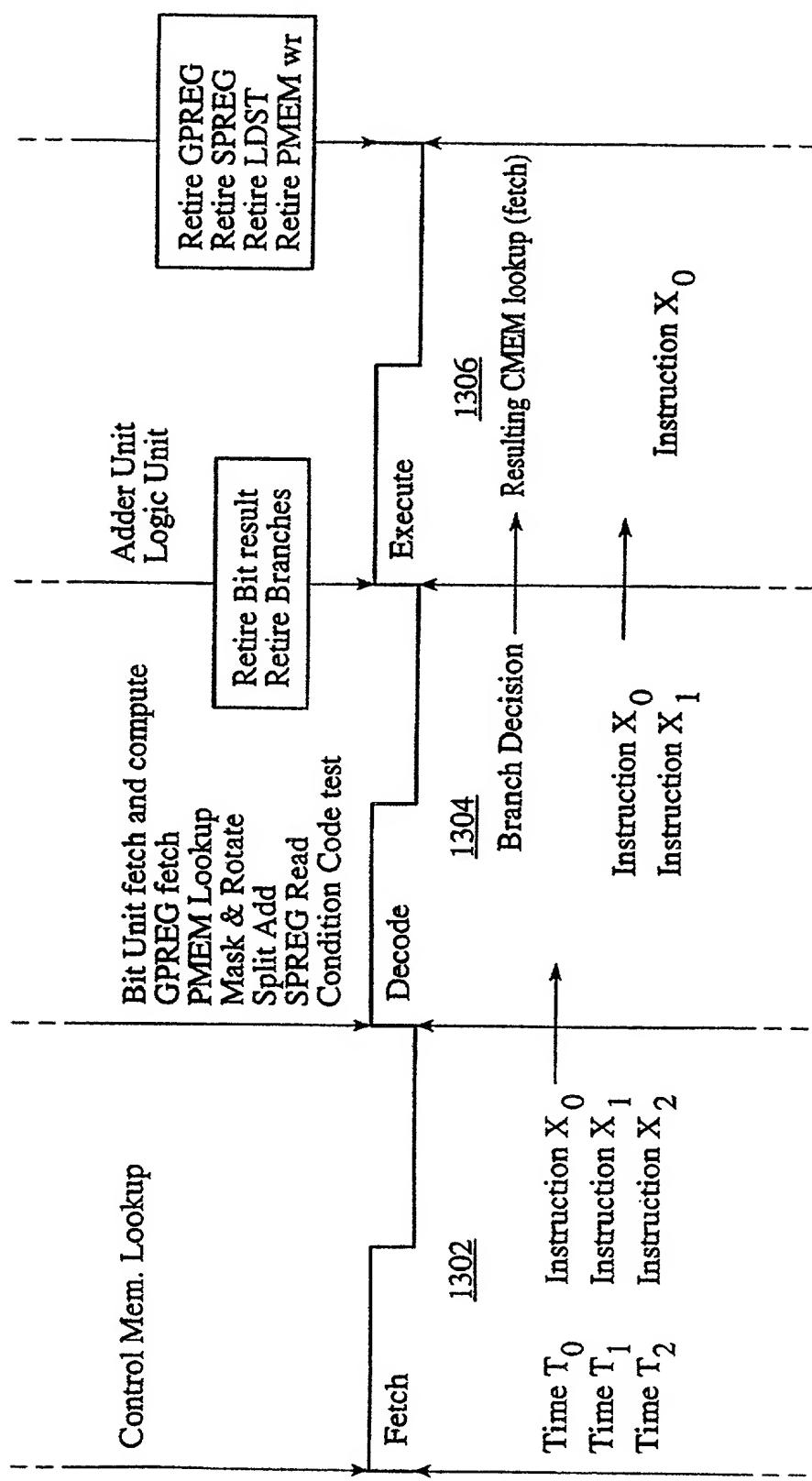


FIG. 14

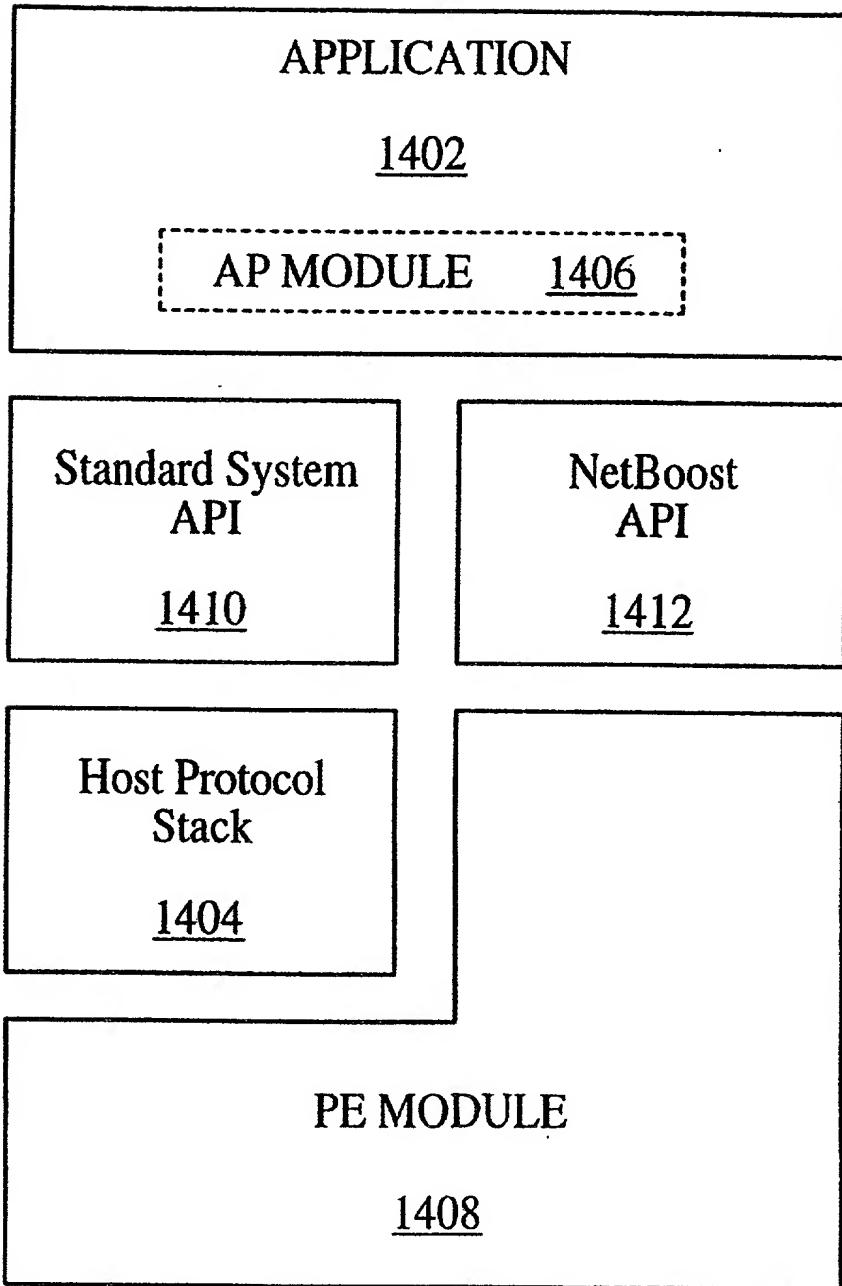


FIG. 15

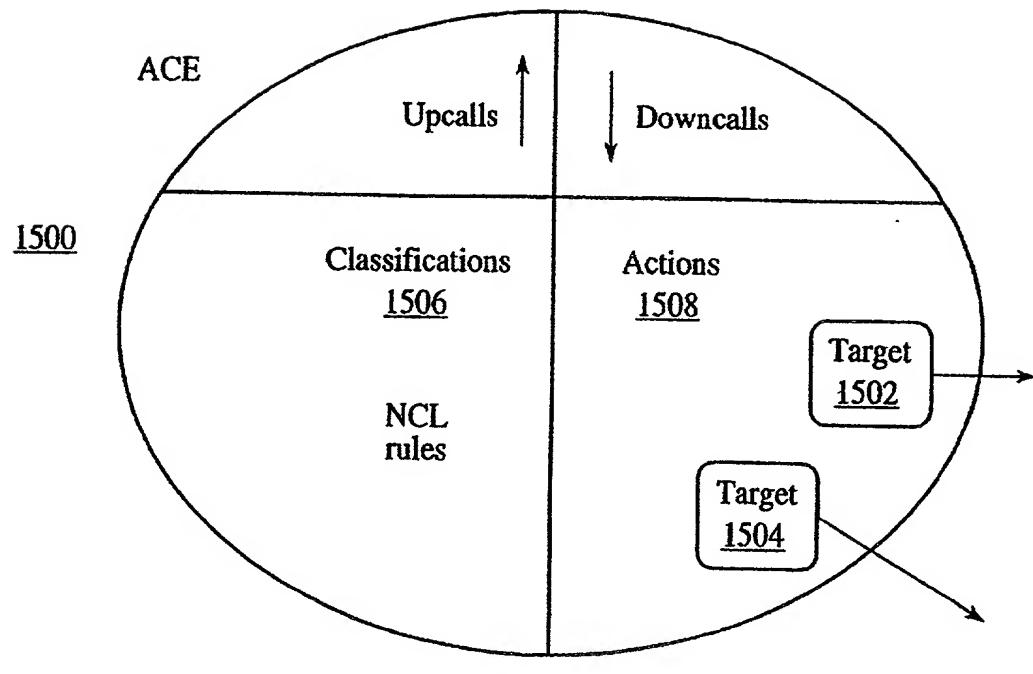


FIG. 16

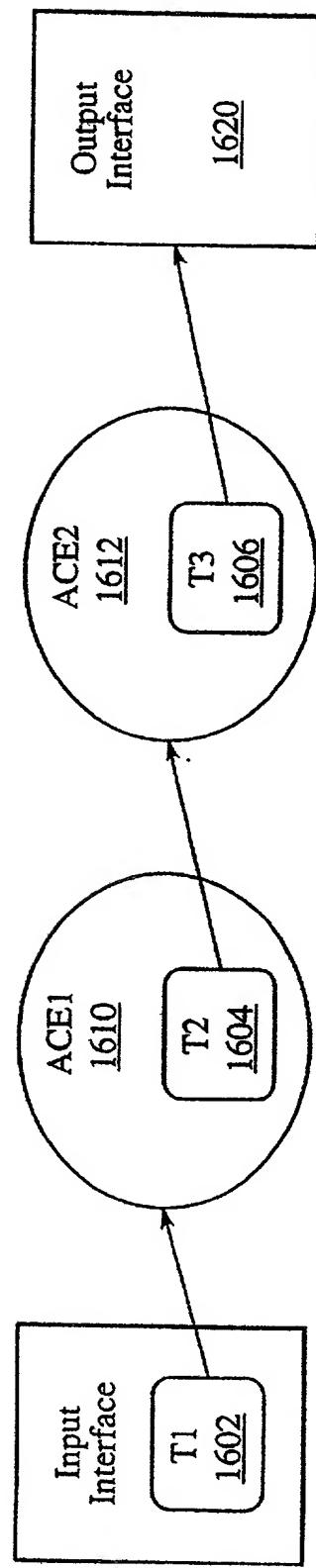


FIG. 17

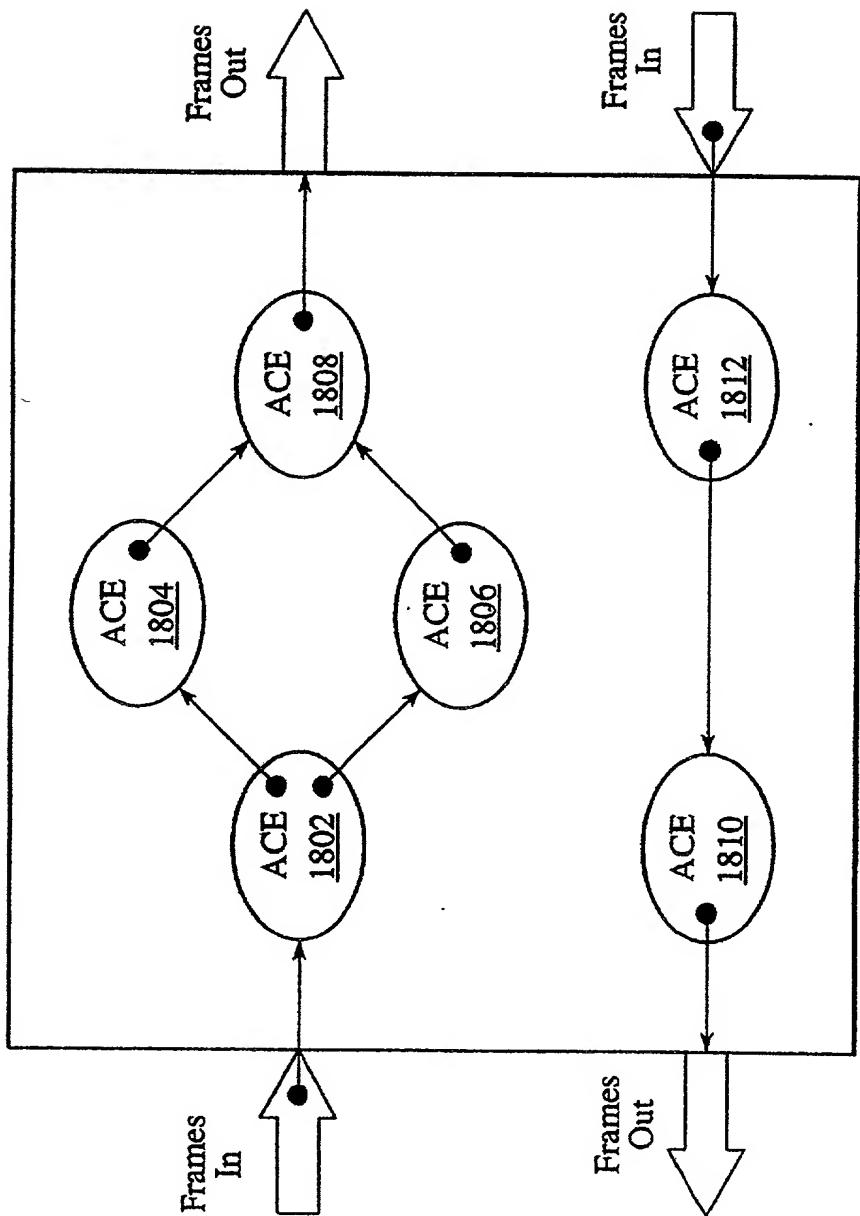


FIG. 18

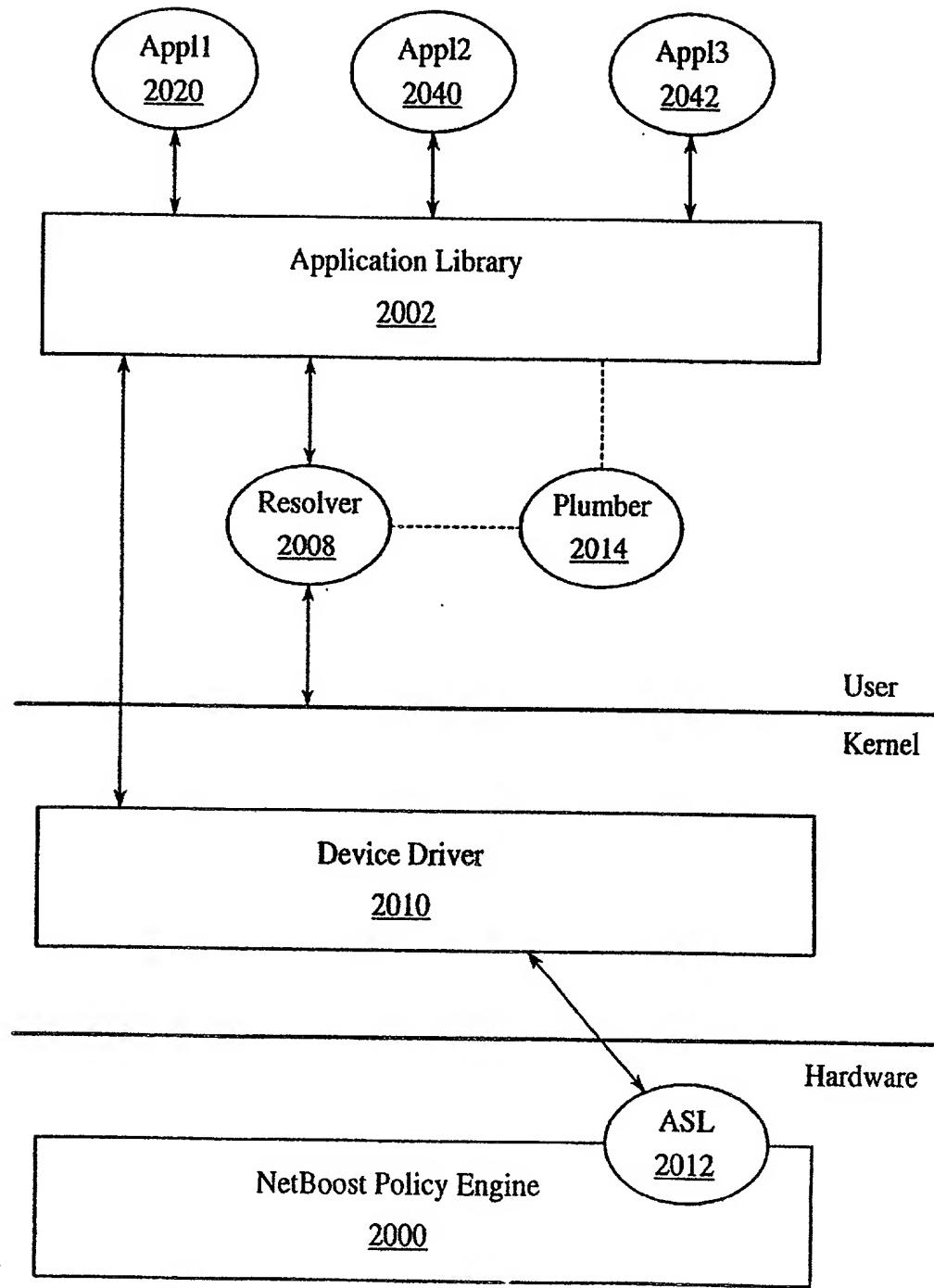


FIG. 19